Amendments to the Claims:

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A Radio Frequency Identification (RFID) process control system comprising:

an interface supporting communications with a plurality of industry standard compliant devices:

an RFID controller for communicating RFID data over the interface, said RFID controller including at least one RFID reader for reading said RFID data from an RFID tagged item;

process control software for detecting the occurrence of a specified event represented by the RFID data; ~~and~~

at least one computer controlled switch operably coupled to the RFID controller;

a power management subsystem for providing power to the RFID controller, the computer controlled switch and the process control software, said power management subsystem capable of providing both DC and AC power; and

an enclosure housing the interface, RFID controller, process control software and computer controlled switch;

wherein a specified RFID event can be determined from the RFID data received by the RFID controller via the interface as interpreted by the process control software and thereby cause the RFID controller to operate the computer controlled switch to control a desired process.

2. (canceled).

3. (original) The RFID process control system of claim 1 wherein communications between the RFID tagged item and the RFID controller over the interface are bidirectional.

4. (original) The RFID process control system of claim 3 wherein the RFID controller can write data to the RFID tagged item over the interface.

5. (currently amended) The RFID process control system of claim 1 wherein the interface is a wired interface providing a physical communications path between the RFID reader and the RFID tagged item.

6. (currently amended) The RFID process control system of claim 1 wherein the interface between the RFID reader and the RFID tagged item is wireless.

7. (original) The RFID process control system of claim 1 further comprising at least one peripheral coupled to said computer controlled switch.

8. (original) The RFID process control system of claim 7 wherein said peripheral comprises a light that is operated by the computer controlled switch in response to specified RFID data from a RFID tagged item being read by said RFID controller.

9. (canceled).

10. (canceled).

11. (currently amended) The RFID process control system of claim ~~9~~ 1 wherein the power management subsystem can provide variable levels of both DC and AC power.

12. (currently amended) The RFID process control system of claim ~~9~~ 1 wherein the power management subsystem further comprises a battery charging circuit.

13. (original) The RFID process control system of claim 1 wherein the RFID controller further comprises any one of several industry standard RFID readers.

14. (original) The RFID process control system of claim 13 wherein the RFID controller can sense the interface requirements of the specific industry standard RFID reader within the enclosure.

15. (original) The RFID process control system of claim 1 wherein said interface supports communications with a photo-sensor device.

16. (currently amended) A Radio Frequency Identification (RFID) process control system comprising:

an interface supporting communications with a plurality of industry standard compliant devices including at least one RFID tagged item, said interface comprising at least one physical interface chosen from the group consisting of: a parallel port, a serial port, a universal serial bus, a PS-2 port.:

an RFID controller for communicating RFID data with said RFID tagged item over the interface;

process control software for detecting the occurrence of a specified event represented by the RFID data;

at least one computer controlled switched operably coupled to the RFID controller; ~~and~~

an enclosure housing the interface, RFID controller, process control software and computer controlled switch; and

a power management subsystem within the enclosure operably coupled to components requiring power, said power management subsystem capable of providing both DC and AC power;

wherein a specified RFID event can be determined from the RFID data received by the RFID controller via the interface as interpreted by the process control software and thereby cause the RFID controller to operate the computer controlled switch to control a desired process.

17. (canceled).

18. (canceled).

19. (canceled).

20. (canceled).

21. (currently amended) The RFID process control system of claim ~~19~~ 16 wherein the power management subsystem can provide variable levels of both DC and AC power.

22. (original) The RFID process control system of claim 16 wherein communications between the RFID tagged item and the RFID controller over the interface are bidirectional.

23. (original) The RFID process control system of claim 16 wherein the RFID controller can write data to the RFID tagged item over the interface.

24. (currently amended) The RFID process control system of claim 16 wherein the interface is a wired interface providing a physical communications path between the RFID reader and the RFID tagged item.

25. (currently amended) The RFID process control system of claim 16 wherein the interface between the RFID reader and the RFID tagged item is wireless.

26. (original) The RFID process control system of claim 16 further comprising at least one peripheral coupled to said computer controlled switch.

27. (currently amended) The RFID process control system of claim 16 further comprising an RFID antenna interspersed between the RFID tagged item and the RFID controller ~~for delivering the RFID data to the system~~.

28. (canceled).

29. (canceled).

30. (canceled).

31. (canceled).